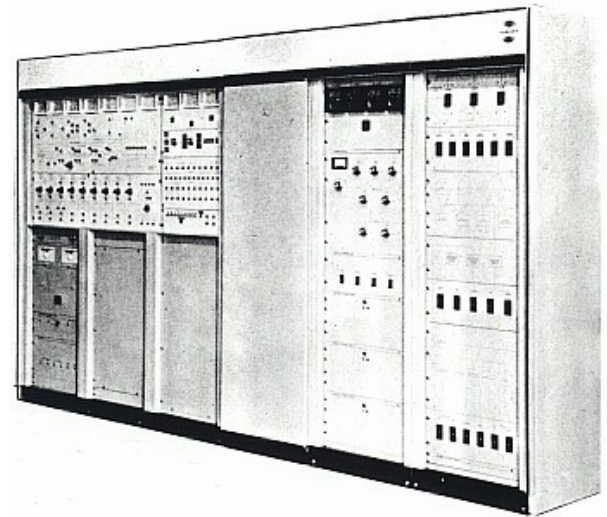


Collins Model 821A-1 250 KW Transmitter Capacitor Replacement Guide

The advanced design of the 821A-1 250 kW transmitter is a direct benefit from Collins' depth of experience in broadcast equipment manufacture. With totally new and unique design features, this high frequency transmitter advanced techniques of super-power transmitter design.



Introduction:

Even though these transmitters are 25 years old, IBB Delano, California regularly uses all three transmitters. Recently, several of the original capacitors were discontinued. IBB asked Comet initiated a study to identify replacement capacitors for their Collins Model 821A Transmitter.

Scope:

It was critical to IBB to minimize changes required to their transmitters.

Application:

IBB Delano is still evaluating these alternatives.

Responsibilities:

Since difference can occur over time in specific installations, it is always recommended to verify replacements in your application

Recommended Capacitors:

- CF3C-100E/45
- CF3C-1000E/50
- CV2W-1200J/40
- CV3W-650S/55
- CV1C-8E/15

Similar Transmitters:

Please check with Comet if you have any questions.

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Collins Model 821A Transmitter

Manufacturer Description	Qty	Original Capacitor	Replacement Capacitor	Additional parts or changes required
	2	CFHD-100-45S	CF3C-100E/45	
	2	CGF2-1000-0035	CF3C-1000E/50	None
	17	CVFW-1200-40N761	CV2W-1200J/40	None
	9	CVHX-650-55N762	CV3W-650S/55	None
	1	ECS8-15S	CV1C-8E/15	Slightly different mounting method

